

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006165.D
 Acq On : 26 Nov 2018 10:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:43:11 AM

Quant Time: Nov 27 05:21:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	351449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	495928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	462564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	264353	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	192812	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	5.50	113	153008	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	8.71	98	579021	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.14	95	219058	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	138862	53.17	ug/l	99
3) Chloromethane	1.32	50	155548	47.15	ug/l	99
4) Vinyl Chloride	1.41	62	167892	50.03	ug/l	97
5) Bromomethane	1.64	94	103143	40.71	ug/l	96
6) Chloroethane	1.72	64	103067	63.44	ug/l	99
7) Trichlorofluoromethane	1.93	101	240665	54.82	ug/l	98
8) Diethyl Ether	2.19	74	93997	50.65	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	141930	54.52	ug/l	99
10) Methyl Iodide	2.51	142	94443	28.94	ug/l	100
11) Tert butyl alcohol	3.07	59	221331	255.49	ug/l	98
12) 1,1-Dichloroethene	2.37	96	127484	50.24	ug/l	98
13) Acrolein	2.29	56	141577	273.11	ug/l	100
14) Allyl chloride	2.73	41	283817	54.67	ug/l	100
15) Acrylonitrile	3.15	53	485291	253.62	ug/l	100
16) Acetone	2.45	43	582632	322.41	ug/l	98
17) Carbon Disulfide	2.57	76	391181	57.09	ug/l	97
18) Methyl Acetate	2.78	43	257860	55.64	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	473385	53.97	ug/l	99
20) Methylene Chloride	2.85	84	146134	53.45	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	140765	53.02	ug/l	95
22) Diisopropyl ether	3.87	45	553439	49.79	ug/l	94
23) Vinyl Acetate	3.82	43	2420325	262.48	ug/l	99
24) 1,1-Dichloroethane	3.70	63	281243	53.71	ug/l	99
25) 2-Butanone	4.70	43	862507	257.14	ug/l	100
26) 2,2-Dichloropropane	4.58	77	253843	58.82	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	175766	47.36	ug/l	96
28) Bromochloromethane	5.02	49	162609	53.28	ug/l	100
29) Tetrahydrofuran	5.15	42	509655	243.57	ug/l	100
30) Chloroform	5.21	83	301078	47.45	ug/l	98
31) Cyclohexane	5.57	56	270658	49.49	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	265690	51.86	ug/l	99
36) 1,1-Dichloropropene	5.80	75	230200	51.02	ug/l	100
37) Ethyl Acetate	4.85	43	292266	50.35	ug/l	100
38) Carbon Tetrachloride	5.78	117	234578	55.32	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	278978	54.28	ug/l	99
40) Benzene	6.14	78	664960	50.03	ug/l	99
41) Methacrylonitrile	5.06	41	162658	50.85	ug/l	99
42) 1,2-Dichloroethane	6.20	62	251257	50.56	ug/l	99
43) Isopropyl Acetate	6.46	43	443020	52.85	ug/l	100
44) Trichloroethene	7.21	130	183425	49.65	ug/l	98
45) 1,2-Dichloropropane	7.51	63	180547	51.32	ug/l	100
46) Dibromomethane	7.66	93	120464	50.00	ug/l	99
47) Bromodichloromethane	7.90	83	236463	53.07	ug/l	99
48) Methyl methacrylate	7.77	41	233923	55.02	ug/l	99
49) 1,4-Dioxane	7.75	88	95780	949.59	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1573461	261.82	ug/l	100
52) Toluene	8.79	92	424920	51.68	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	260334	55.99	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	281675	54.80	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	174406	48.98	ug/l	99
56) Ethyl methacrylate	9.18	69	272420	49.18	ug/l	97
57) 1,3-Dichloropropane	9.37	76	291348	49.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	632394	205.58	ug/l	99
59) 2-Hexanone	9.49	43	1303255	273.26	ug/l	99
60) Dibromochloromethane	9.59	129	194410	55.69	ug/l	98
61) 1,2-Dibromoethane	9.67	107	186913	50.95	ug/l	100
64) Tetrachloroethene	9.34	164	181632	47.71	ug/l	99
65) Chlorobenzene	10.14	112	485838	51.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	177825	54.59	ug/l	99
67) Ethyl Benzene	10.25	91	846104	54.46	ug/l	100
68) m/p-Xylenes	10.36	106	655056	108.28	ug/l	99
69) o-Xylene	10.70	106	312145	54.02	ug/l	100
70) Styrene	10.71	104	523077	55.52	ug/l	99
71) Bromoform	10.86	173	160566	55.07	ug/l #	100
73) Isopropylbenzene	11.02	105	861705	53.87	ug/l	99
74) N-amyl acetate	10.90	43	408311	50.08	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	295813	49.08	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	280785m	51.59	ug/l	
77) Bromobenzene	11.26	156	226859	50.63	ug/l	99
78) n-propylbenzene	11.36	91	1019031	54.71	ug/l	100
79) 2-Chlorotoluene	11.42	91	590033	52.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	733893	54.42	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	91205	56.68	ug/l	98
82) 4-Chlorotoluene	11.51	91	710708	54.04	ug/l	100
83) tert-Butylbenzene	11.77	119	725282	55.09	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	757722	55.08	ug/l	99
85) sec-Butylbenzene	11.94	105	893708	55.50	ug/l	100
86) p-Isopropyltoluene	12.07	119	806171	56.15	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	418299	50.63	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	430114	50.22	ug/l	99
89) n-Butylbenzene	12.39	91	743947	57.23	ug/l	99
90) Hexachloroethane	12.60	117	131887	57.56	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	428701	50.76	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	74392	53.19	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	320427	53.85	ug/l	99
94) Hexachlorobutadiene	13.79	225	158636	54.70	ug/l	99
95) Naphthalene	13.83	128	973992	55.67	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	320191	52.78	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

